

RAW SEQUENCE LISTING

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Application Serial Number: 09/063,356
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/063,356

DATE: 03/01/2005

TIME: 10:29:21

Input Set : N:\Crf3\RULE60\09063356.raw.txt

Output Set: N:\CRF4\02282005\I063356.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Beattie, Kenneth L.

7 (ii) TITLE OF INVENTION: Microfabricated, Flowthrough Porous
8 Apparatus for Discrete Detection of Binding Reactions

10 (iii) NUMBER OF SEQUENCES: 17

12 (iv) CORRESPONDENCE ADDRESS:

13 (A) ADDRESSEE: Vinson & Elkins

14 (B) STREET: 1455 Pennsylvania Avenue, N.W.

15 (C) CITY: Washington

16 (D) STATE: D.C.

17 (E) COUNTRY: U.S.A.

18 (F) ZIP: 20004-1008

20 (v) COMPUTER READABLE FORM:

21 (A) MEDIUM TYPE: Floppy disk

22 (B) COMPUTER: IBM PC compatible

23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

26 (vi) CURRENT APPLICATION DATA:

27 (A) APPLICATION NUMBER: US/09/063,356

C--> 28 (B) FILING DATE: 21-Apr-1998

29 (C) CLASSIFICATION:

31 (vii) PRIOR APPLICATION DATA:

32 (A) APPLICATION NUMBER: US/08/631,751

33 (B) FILING DATE: 10-April-1996

35 (viii) ATTORNEY/AGENT INFORMATION:

36 (A) NAME: Sanzo, Michael A.

37 (B) REGISTRATION NUMBER: 36,912

38 (C) REFERENCE/DOCKET NUMBER: HARC0001

40 (ix) TELECOMMUNICATION INFORMATION:

41 (A) TELEPHONE: (202)639-6500

42 (B) TELEFAX: (202)639-6604

45 (2) INFORMATION FOR SEQ ID NO: 1:

47 (i) SEQUENCE CHARACTERISTICS:

48 (A) LENGTH: 130 base pairs

49 (B) TYPE: nucleic acid

50 (C) STRANDEDNESS: double

51 (D) TOPOLOGY: linear

53 (ii) MOLECULE TYPE: cDNA

59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

61 GCAAGCTTGC TGGTGAAAG GACCTCTCGA AGTGTGGAT ATAGGCCAGA CTTTGTGGA

63 TTTGAAATTC CAGACAAGTT TGGTGTGGA TATGCCCTTG ACTATAATGA GTACTTCAGG

65 GATTTGAATC

60

120

130

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67 (2) INFORMATION FOR SEQ ID NO: 2:
 69 (i) SEQUENCE CHARACTERISTICS:
 70 (A) LENGTH: 57 base pairs
 71 (B) TYPE: nucleic acid
 72 (C) STRANDEDNESS: double
 73 (D) TOPOLOGY: linear
 75 (ii) MOLECULE TYPE: DNA (genomic)
 77 (vi) ORIGINAL SOURCE:
 78 (A) ORGANISM: hamster, human and mouse
 80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 82 AACAGCTTGC TGGTAAAAAG GACCYCTMGA AGTGTGGAT AYARGCCAGA CTGTAAG 57
 85 (2) INFORMATION FOR SEQ ID NO: 3:
 87 (i) SEQUENCE CHARACTERISTICS:
 88 (A) LENGTH: 47 base pairs
 89 (B) TYPE: nucleic acid
 90 (C) STRANDEDNESS: double
 91 (D) TOPOLOGY: linear
 93 (ii) MOLECULE TYPE: DNA (genomic)
 95 (vi) ORIGINAL SOURCE:
 96 (A) ORGANISM: CHO cells
 98 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 100 AACAGCTTGC TGGTAAAAAG GACCTCTCAT ATAGGCCAGA CTGTAAG 47
 103 (2) INFORMATION FOR SEQ ID NO: 4:
 105 (i) SEQUENCE CHARACTERISTICS:
 106 (A) LENGTH: 87 base pairs
 107 (B) TYPE: nucleic acid
 108 (C) STRANDEDNESS: double
 109 (D) TOPOLOGY: linear
 111 (ii) MOLECULE TYPE: DNA (genomic)
 113 (vi) ORIGINAL SOURCE:
 114 (A) ORGANISM: hamster, human and mouse
 116 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 118 TACAGTTGTT GGATTGAAA TTCCAGACAA GTTTGTTGTW GGATATGCCCT TTGACTATAA 60
 120 TGARTACTTC AGGRATTGTA ATGTAAT 87
 123 (2) INFORMATION FOR SEQ ID NO: 5:
 125 (i) SEQUENCE CHARACTERISTICS:
 126 (A) LENGTH: 87 base pairs
 127 (B) TYPE: nucleic acid
 128 (C) STRANDEDNESS: double
 129 (D) TOPOLOGY: linear
 131 (ii) MOLECULE TYPE: DNA (genomic)
 133 (vi) ORIGINAL SOURCE:
 134 (A) ORGANISM: CHO cells
 138 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
 140 TACAGTTGTT GGATTGGAA TTCCAGCAAG TTTGTTGTTG GATATGCCCT TGACTATAA 60
 142 TGAGTACTTC AGGCATTGTA ATGTAAT 87
 145 (2) INFORMATION FOR SEQ ID NO: 6:
 147 (i) SEQUENCE CHARACTERISTICS:
 148 (A) LENGTH: 24 base pairs

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149 (B) TYPE: nucleic acid
150 (C) STRANDEDNESS: both
151 (D) TOPOLOGY: linear
153 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
155 GTTCTATTGT CTTTCCATA TGTC 24
158 (2) INFORMATION FOR SEQ ID NO: 7:
160 (i) SEQUENCE CHARACTERISTICS:
161 (A) LENGTH: 25 base pairs
162 (B) TYPE: nucleic acid
163 (C) STRANDEDNESS: both
164 (D) TOPOLOGY: linear
167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
169 TCAGTCTGGT CAAATGACGA GGTGC 25
172 (2) INFORMATION FOR SEQ ID NO: 8:
174 (i) SEQUENCE CHARACTERISTICS:
175 (A) LENGTH: 24 base pairs
176 (B) TYPE: nucleic acid
177 (C) STRANDEDNESS: both
178 (D) TOPOLOGY: linear
180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
182 CTGTGATTCT TTACAGTTGT TGGA 24
184 (2) INFORMATION FOR SEQ ID NO: 9:
186 (i) SEQUENCE CHARACTERISTICS:
187 (A) LENGTH: 26 base pairs
188 (B) TYPE: nucleic acid
189 (C) STRANDEDNESS: both
190 (D) TOPOLOGY: linear
192 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
194 CATTAATTAC ATTCAAATCC CTGAAG 26
197 (2) INFORMATION FOR SEQ ID NO: 10:
199 (i) SEQUENCE CHARACTERISTICS:
200 (A) LENGTH: 11 base pairs
201 (B) TYPE: nucleic acid
202 (C) STRANDEDNESS: both
203 (D) TOPOLOGY: linear
205 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
207 ACTCATTAT A 11
210 (2) INFORMATION FOR SEQ ID NO: 11:
212 (i) SEQUENCE CHARACTERISTICS:
213 (A) LENGTH: 10 base pairs
214 (B) TYPE: nucleic acid
215 (C) STRANDEDNESS: both
216 (D) TOPOLOGY: linear
218 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
220 TATATGAGAG 10
223 (2) INFORMATION FOR SEQ ID NO: 12:
225 (i) SEQUENCE CHARACTERISTICS:
226 (A) LENGTH: 10 base pairs
227 (B) TYPE: nucleic acid

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228 (C) STRANDEDNESS: both
 229 (D) TOPOLOGY: linear
 231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 10
 233 ATTCCAAATC
 236 (2) INFORMATION FOR SEQ ID NO: 13:
 238 (i) SEQUENCE CHARACTERISTICS:
 239 (A) LENGTH: 10 base pairs
 240 (B) TYPE: nucleic acid
 242 (C) STRANDEDNESS: both
 243 (D) TOPOLOGY: linear
 245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
 247 TCCAACAACT 10
 250 (2) INFORMATION FOR SEQ ID NO: 14:
 252 (i) SEQUENCE CHARACTERISTICS:
 253 (A) LENGTH: 10 base pairs
 254 (B) TYPE: nucleic acid
 255 (C) STRANDEDNESS: both
 256 (D) TOPOLOGY: linear
 258 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
 260 ATTTCAAATC 10
 263 (2) INFORMATION FOR SEQ ID NO: 15:
 265 (i) SEQUENCE CHARACTERISTICS:
 266 (A) LENGTH: 10 base pairs
 267 (B) TYPE: nucleic acid
 268 (C) STRANDEDNESS: both
 269 (D) TOPOLOGY: linear
 271 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
 273 ACAAACTTGT 10
 276 (2) INFORMATION FOR SEQ ID NO: 16:
 278 (i) SEQUENCE CHARACTERISTICS:
 279 (A) LENGTH: 10 base pairs
 280 (B) TYPE: nucleic acid
 281 (C) STRANDEDNESS: both
 282 (D) TOPOLOGY: linear
 284 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
 286 ACTCATTATA 10
 291 (2) INFORMATION FOR SEQ ID NO: 17:
 293 (i) SEQUENCE CHARACTERISTICS:
 294 (A) LENGTH: 11 base pairs
 295 (B) TYPE: nucleic acid
 296 (C) STRANDEDNESS: both
 297 (D) TOPOLOGY: linear
 299 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
 301 AATTACATTC A 11

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\09063356.raw.txt

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L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]